Construction of Elevated Corridors from Minerva Circle to Hudson Circle and loop flyover from existing Bala Gangadhara Nath Swamiji Flyover to Town Hall, and Elevated Corridors from Sangolli Rayanna Circle (Anandrao Flyover) to Nrupathunga Road (KR Circle) in Bengaluru City (Length - 7 KM) using Ultra High-Performance Fiber Reinforced Concrete (UHPFRC) under Engineering, Procurement & Construction (EPC) Mode on Lumpsum, Turkey with allowable Price Escalation based structures including Maintenance for a period of 10 years.

Query raised by: M/s SNC

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1	DPR – UHPFRC Based Superstructure	12 of 415	DPR recommends UHPFRC Open U-Box Girder superstructure.	Kindly clarify whether alternative superstructure systems such as PSC Box Girder, PSC I-Girder, Segmental PSC Box Girder or equivalent IRC-compliant systems may be proposed by the Contractor during detailed design, subject to meeting all performance, durability, serviceability and design life requirements.	The Project has been conceptually planned based on UHPFRC/UHPC superstructure systems. Hene only UHPFRC elements should be used for superstructures. **Hence, tender conditions prevail**
2	DPR - Span Arrangements	60 of 415	DPR is based on a typical 50 m span arrangement.	Kindly confirm whether the Contractor may revise the span arrangement, span lengths and pier locations during detailed design, provided the approved alignment, ROW constraints, traffic clearances, utility requirements and project objectives are not adversely affected.	**The 50 m span arrangement indicated in the DPR/Concept Drawings is indicative** and represents the minimum conceptual requirement. The Contractor may optimize span lengths, span arrangement, and pier locations during detailed design, including adoption of longer spans where technically justified, provided the approved alignment, ROW constraints, statutory clearances, traffic requirements, utility provisions, geometric standards, and project objectives are fully complied with and **prior approval of the Employer is obtained.** Any such modification shall be at the Contractor's own risk and cost without any additional payment.
3	RFP-Technology Upgradation Clause	75 of 415	Technology upgrades may be adopted with mutual consent of Employer and Contractor.	Kindly clarify whether adoption of alternative structural technology or construction methodology shall be considered under this provision, subject to mutual consent and compliance with applicable IRC/MORTH standards.	Adoption of alternative structural technology, materials, construction methodology, or optimized structural systems may be considered, **subject to approval of the Employer,** compliance with applicable IRC/MoRTH/BIS standards, fulfillment of all functional and performance requirements, and demonstration of equal or superior safety, durability, serviceability, constructability, and design life. Any such proposal shall not be treated as a material deviation if approved by the Employer. The same shall not be applicable to the core superstructure which shall be UHPFRC.
4	DPR- Superstructure Material	-	Tender description refers to UHPFRC-based structures.	In case the Contractor proposes an alternative PSC-based structural solution meeting the same design life, durability, safety and performance requirements, whether such proposal will be considered for approval without constituting a material deviation from the Contract.	The Project has been conceptually planned based on UHPFRC/UHPC superstructure systems. All pre-casted elements should be used for superstructures. **Hence, tender conditions prevail**

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5	DPR- Foundation and Substructure Design	-	DPR quantities are based on assumed pile, pier and pier-cap configurations.	Kindly confirm whether foundation type, pile diameter, pile arrangement, pier geometry and pier cap configuration may be optimized by the Contractor based on detailed geotechrfical investigations and structural analysis.	**The pile diameter, pile arrangement, foundation system, pier geometry, and pier cap configuration indicated in the DPR are indicative for tender purposes.** Mono-pile technology option will be encouraged to optimize foundation construction time and traffic diversion. The Contractor may optimize the same based on detailed geotechnical investigations, structural analysis, construction methodology, and site constraints, subject to compliance with Contract requirements and approval of the Employer.
6	Authority Engineer Approval	-	Detailed design is subject to approval.	Kindly confirm the timeline for review and approval of alternative design submissions by the Employer/Authority Engineer to avoid delays in commencement of construction activities.	**Tender conditions prevail**
7	Design Life Requirement	-	DPR is based on UHPFRC technology primarily to enhance durability and life cycle performance.	Kindly specify the minimum design life and durability requirements that any alternative structural system must satisfy for approval.	**Tender conditions prevail**
8	Employer's Requirement on Mandatory Elements	-	DPRcontains conceptual structural arrangement	Kindly identify the project parameters that are mandatory and non-negotiable (alignment, profile, number of lanes, clearances, utility provisions, architectural requirements, etc.) and those that may be optimized by the Contractor during detailed design.	The **approved alignment, profile, carriageway configuration, mandatory clearances, connectivity requirements, utility integration provisions, and functional project requirements are non-negotiable.** Structural systems, span arrangements, pier locations, foundation systems, construction methodology, and other engineering details may be optimized by the Contractor during detailed design, subject to compliance with Contract requirements and approval of the Employer.
9	RFP-Clause 3.8 - Available Tender Capacity & Annexure-1	10 of 157	The RFP stipulates that the Statement showing the value of existing commitments and ongoing works shall be countersigned by the Employer-in-Charge not below the rank of Executive Engineer or equivalent, and certificates from the Employer-in-Charge are required for ongoing works for determination of "B" value.	Considering the practical difficulty in obtaining Employer countersigned certificates from multiple departments/agencies before bid submission, it is requested that a certificate issued by the Statutory Auditor/Chartered Accountant certifying the value of existing commitments and ongoing works (B value). Kindly clarify and confirm.	**Certificate issued by the Statutory Authority / Chartered Accountant certifying the 'B' value in Bid capacity calculation is allowed.**
10	Section:6, Contract data, Clause: 42	90 of 157	Mobilization Advance: 5% of the Contract Price On submission of Unconditional Bank Guarantee.	In line with the Government of India/Government of Karnataka initiatives and guidelines promoting the use of Insurance Surety Bonds as an alternative to Bank Guarantees for infrastructure projects, it is requested to clarify whether an Insurance Surety Bond issued by an IRDAI-approved insurer may be accepted in lieu of a Bank Guarantee for securing the Mobilization Advance. Kindly confirm that Insurance Surety Bonds shall be treated at par with Bank Guarantees for this purpose.	**Insurance Surety Bonds are accepted**

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11	Section:6, Contract data, Clause: 42	90 of 157	The Loan shall be completely repaid prior to the 09 months of the Original Time	We request you to modify "The recovery of the Mobilisation advance payments shall be done in respective currencies and to be recovered within 85% of the contract value is reached in pro-rate basis equally within the contract period or extension of contract if any to recover the whole of Mobilisation advance paid".	**Tender conditions prevail**
12	RFP - Security Deposit	22 of 157	29. Security Deposit Within 20 days of Receipt of the Letter of Acceptance, the Successful Tenderer shall deliver to the Employer a Security Deposit in any of the forms given below for an Amount equivalent to 5% of the Contract Price Plus Additional Security for Unbalanced Tenders in accordance with Sub Clause 25.5 of ITT and Clause 44 of the Conditions of Contract. • Banker's Cheque / Demand Draft / Pay Order in favor of B-SMILE. • A Bank Guarantee in the required formats. • Specified Small Saving Instruments.	It is requested to kindly consider acceptance of Insurance Surety Bond, in addition to Bank Guarantee (BG), towards Performance Security, in line with Government of India and Department of Expenditure guidelines. Accordingly, the clauses may be amended to permit submission of Security Deposit in the form of BG and/or Insurance Surety Bond, issued by an IRDAI-authorised Insurance Company and payable in India in favour of Chief Engineer-02, B-SMILE. The said provision is already being implemented by several Government Organisations such as NHAI, VJNL, KIADB, KNNL, etc., and is supported by GoI Office Memoranda dated 02.02.2022 and 24.09.2024.	**Insurance Surety Bonds are accepted**
13	General	-	Land Acquisition Status	Kindly provide the current status of land acquisition, Right of Way availability, property acquisition, building dismantling/removal, utility shifting, and statutory approvals/NOCs required for the project. Further, bidders request clarification on the responsibilities of the Employer and Contractor regarding obtaining approvals, utility relocation permissions, traffic diversion approvals, tree-cutting permissions, and other statutory clearances. A corridor-wise Project Readiness Status indicating pending land acquisition, utility shifting, and encumbrance-free site availability may also be provided to enable realistic assessment of project risks and execution planning.	Land is available at the via-duct portion and the process of land acquisition at the ramp portions is in process which will be confirmed on submission of GAD by the successful bidders. Refer clause 43 of the RFP for the detailed clarification on the responsibilities of the Employer and Contractor w.r.t utility shifting.
14	RFP-Clause 24	55 of 157	24. Procedure for Resolution of Disputes Clause - Arbitration Deleted	It is observed that the Arbitration Clause has been deleted from the Contract Conditions. In the event of disputes arising during execution of the Contract relating to payments, claims, variations, extension of time, or interpretation of contract provisions, kindly clarify the dispute resolution mechanism to be followed, including the adjudicating authority, appellate process, timelines, and final forum for dispute resolution.	**Tender conditions prevail**

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15	Clauses relating to Security Deposit, Retention Money and Interim Payments	89 of 157	Security Deposit of 5%, Retention Money of 5%, and interim payments are released only to the extent of 90% of the certified work executed. Accordingly, a substantial portion of the Contract value remains withheld during the execution period.	The RFP provides for Security Deposit of 5%, Retention Money of 5%, and release of only 90% of certified interim payments. The cumulative effect of these provisions results in substantial withholding of contract funds during execution, leading to significant working capital blockage and increased financing costs, which may adversely affect project cash flow and execution efficiency. It is therefore requested to consider waiver of Retention Money and/or release of 100% of certified interim payments (after applicable recoveries) to facilitate smooth project execution. Kindly clarify and consider.	**Tender conditions prevail**
16	Construction Period	3 of 157	18 Months (Including Monsoon Period)	The stipulated completion period of 18 months appears to be highly stringent considering the project involves construction of an elevated corridor through heavily congested urban areas under live traffic conditions, extensive utility shifting, stakeholder coordination, traffic diversions, and execution within a restricted Right of Way. In the interest of ensuring safe construction, quality workmanship, effective traffic management, and successful project delivery, it is requested to kindly review and extend the completion period from 18 months to 30 months.	The stipulated completion period of 18 months (including monsoon period) has been fixed by the Employer considering parallel construction fronts, precast/UHPFRC technology, and fast-track execution methodology. **Accordingly, tender conditions prevail.**
17	Scope of Work / DPR / Tender Documents	156 of 157	The RFP encourages bidders to conduct their own site visits, surveys and investigations at their own risk and cost prior to bid submission.	Considering the complexity of the project and the extensive scope involving elevated structures, utility shifting, traffic management, and execution in a densely developed urban corridor, it is requested that a detailed scope matrix identifying the responsibilities of the Employer and Contractor may kindly be provided. Further, bidders request the Employer to arrange a joint site visit along with Department officials and concerned stakeholders to enable proper understanding of the actual site conditions, utility constraints, traffic management requirements, and overall scope of work prior to bid submission. Also provide present project scope schedule.	The scope and responsibilities of the Employer and Contractor are defined in the Tender Documents. Tenderers are advised to undertake their own site visits, surveys, and investigations at their own risk and cost before bid submission. Site visits may be facilitated on request. The present project execution schedule is provided under Clause 4.0 – Programme for Submission and Approval of Designs and Drawings. **Accordingly, tender conditions prevail.**
18	RFP-Clause - 13.2	13 of 157	Earnest Money Deposit (EMD) as applicable (Rs. 1.00 Lakhs & rest as E-BG/Surety Bonds, etc.).	The tender document does not contain the prescribed format for submission of an Insurance Surety Bond towards Earnest Money Deposit (EMD). Kindly provide the applicable format/proforma to be submitted along with the bid.	EMD shall be submitted as per standard format in the form of E-BG/Security Bonds

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19	RFP-Extension of Bid Submission	1 of 157	Last date and time for receipt of tenders	Considering the complexity of the project, execution in a highly congested urban environment, extensive utility interfaces, traffic management requirements, and the EPC nature of the Contract requiring detailed review of the DPR, site investigations, design optimization, and value engineering studies, bidders request extension of the bid submission date by at least 4 to 6 weeks to enable comprehensive assessment of project risks, development of optimized technical solutions, and submission of competitive bids.	**Tender conditions prevail**
20	RFP	-	**Annexure-4 & Annexure-5**	The RFP contains two different formats relating to Banker's Certificate / Credit Facility under Annexure-4 and Annexure-5 and also requires submission of the original Banker's Certificate. However, the tender documents do not clearly specify which format is to be submitted for qualification purpose. Further, the minimum value of credit facility required for qualification has not been specified. Kindly clarify (i) the applicable format to be submitted (Annexure-4, Annexure-5 or both), and (ii) the minimum credit facility amount / value required to be certified by the issuing Bank for bid evaluation purpose.	(i) As per standard format and procedure of the respective bank, the banker's certificate shall be submitted in any one of the format given in the RFP (ii) Tender conditions prevails. Since this is a large-scale infrastructure work, the payment schedule may be referred and credit facilities may be suitably arranged at the bidder's end.
21	Concept and Alignment Drawing	10 of 70	**Longitudinal Gradient**	For Example,Longitudinal Gradient for UP Ramp on MCW at CH: 0+100 Km works out to be 14.5% (Approx.) for a 68.8m ramp length and structure height of 10.0m (Approx.) as per TCS Provided. The calculated gradient of 14.5% (Approx.) is exceptionally steep. Please clarify whether the Ramp length will be extended to meet the IRC Guidelines for the safe and easy movement of traffic.	The EGL towards touchdown point is on upward gradient and hence ramp length works out to 68.8m. However, ramp length shall be as per site condition with maximum gradient of 5% as shown in Plan and profile drawings. The bidders are advised to make site visits and conclude accordingly.
22	Concept and Alignment Drawing	10 of 70	**Access to Existing Road at MCW Ramp Location**	The UP Ramp at CH: 0+100 Km is proposed on the Main Carriageway, where existing traffic must merge into the existing road. In this section, the overlap of the existing road and the proposed ramp completely hinders the traffic movement. Please clarify the traffic diversion plan confirm if additional land/service roads will be provided to ensure uninterrupted traffic flow during and after construction. Please clarify.	Transition from Main carriageway to service road/existing At grade road shall be as per relevant codal provision. The bidders are advised to make site visits and conclude accordingly.
23	General		**General**	Proposed alignment positions the elevated corridor directly over the service roads, consequently reducing their existing lane width. The reduced lane width creates bottleneck zones. Please clarify if this reduction is acceptable. Kindly provide the absolute minimum required width for the service roads to ensure compliance with standard safety norms.	Road widths shall be as per Plan and profile and TCS The bidders are advised to make site visits and conclude accordingly.

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24	General		**General**	Scope involves road restoration and asphalt overlaying works across the project **stretch. The exact chainages** and boundaries for these **activities are not defined.** Please provide **explicit** clarity regarding the **exact** locations, chainages, and the detailed scope of work required for road restoration and asphalt overlaying to avoid ambiguity during execution.	Road restoration shall be done **for the width, affected** during the **construction of elevated corridor.**

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